

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME BP PRODUCTS NORTH AMERICA INC.
ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
IN0000108
PERMIT NUMBER
DISCHARGE NUMBER

MAJOR F - FINAL EFFLUENT
Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98
* I N 0 0 0 0 1 0 8 0 0 3 A 1 1 0 2 *

FACILITY BP PRODUCTS NORTH AMERICA INC.
LOCATION WHITING
ATTN: ASHOK K. JHAWAR, PLANT MGR.

MONITORING PERIOD
YEAR MO DAY
02 11 01 TO 02 11 30

For Any Questions call Jeff Ewick at 317-233-0676
*** NO DISCHARGE ***
NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING				QUANTITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
PH		SAMPLE MEASUREMENT *****	*****		No discharge	*****	No discharge	(12) SU	0	*	*	
00400 1 0 0	EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	*****	6 MINIMUM	*****	9 MAXIMUM			WEEKLY	GRAB	
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC		SAMPLE MEASUREMENT *****	*****		*****	No discharge	No discharge	(19) MGL	0	*	*	
00560 1 0 0	EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	*****	*****	REPORT MO/AVG	DAILY/MX			WEEKLY	GRAB	
CARBON, TOT ORGANIC (TOC)		SAMPLE MEASUREMENT *****	*****		*****	No discharge	No discharge	(19) MGL	0	*	*	
00680 1 0 0	EFFLUENT GROSS VALUE	PERMIT REQUIREMENT *****	*****	*****	*****	REPORT MO/AVG	DAILY/MX			WEEKLY	GRAB	
znone		SAMPLE MEASUREMENT PERMIT REQUIREMENT										
znone		SAMPLE MEASUREMENT PERMIT REQUIREMENT										
znone		SAMPLE MEASUREMENT PERMIT REQUIREMENT										
znone		SAMPLE MEASUREMENT PERMIT REQUIREMENT										
znone		SAMPLE MEASUREMENT PERMIT REQUIREMENT										
znone		SAMPLE MEASUREMENT PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.										
Authorized Agent: Ashok K. Jhavar Business Unit Leader Whiting Business Unit		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT										
TYPED OR PRINTED		TELEPHONE										
		DATE										
		219 473-3179										
		0008/12 23										

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) 003 was closed the entire month of November.
*Required to sample on 1st discharge of week.

FACILITY BP PRODUCTS NORTH AMERICA INC. LOCATION WHITING ATTN: ASHOK K. JHAWAR, PLANT MGR. FROM 02 11 01 TO 02 11 30

For Any Questions call Jeff Ewick at 317-233-0676 *** NO DISCHARGE *** NOTE: Read Instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING				QUANTITY OR CONCENTRATION				NO. OF ANALYSIS	FREQUENCY OF SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX		
CARBON, TOT ORGANIC (TOC)	PERMIT REQUIREMENT	*****	*****	*****	*****	3	3	MG/L	0	5	TIME /WEEK GRAB
00680 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	REPORT DAILY/MX	MG/L	0	5	TIME /WEEK GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0	1	MG/L	0	5	TIME /WEEK GRAB
00680 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	DAILY/MX	MG/L	0	5	TIME /WEEK GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2	MG/L	0	5	TIME /WEEK GRAB
00680 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	REPORT DAILY/MX	MG/L	0	5	TIME /WEEK GRAB
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	5	TIME /WEEK GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	93.5	96.8	(03)	*****	*****	*****	MG/L	0	DAILY	CONTIN
50050 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	DAILY	CONTIN
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	1X /WEEK	GRAB
CHLORINE, TOTAL RESIDUAL	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	ONCE /MONTH	GRAB
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	ONCE /MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	ONCE /MONTH	GRAB
82220 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	ONCE /MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	ONCE /MONTH	GRAB
znone	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	0	ONCE /MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Authorized Agent:
Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE
219 473-3179 2002 12 23

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME BP PRODUCTS NORTH AMERICA INC.
ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394

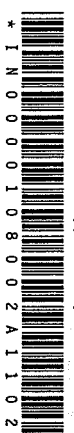
FACILITY BP PRODUCTS NORTH AMERICA INC.
LOCATION WHITING
ATTN: ASHOK K. JHAWAR, PLANT MGR.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

IN0000108
PERMIT NUMBER
DISCHARGE NUMBER

MONITORING PERIOD
YEAR MO DAY
02 11 01 TO 02 11 30

MAJOR F - FINAL EFFLUENT
Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98



For Any Questions call Jeff Ewick at 317-233-0676

*** NO DISCHARGE ***
NOTE: Read instructions before completing this form

PARAMETER	X	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			NO. OF ANALYSIS	FREQUENCY	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****	*****	*****	27	31	(04)	5 TIME /WEEK	CONTI
00010 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	REPORT DAILY/MX	DEG.C	0 /WEEK	CONTI
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	10	13	(04)	5 TIME /WEEK	CONTI
00010 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	REPORT DAILY/MX	DEG.C	0 /WEEK	CONTI
INTAKE FROM STREAM	SAMPLE MEASUREMENT	996	1,170	(05)	*****	*****	*****	*****	5 TIME /WEEK	CONTI
00179 0 0	PERMIT REQUIREMENT	1700 MO/AVG	2000 MX/DA/AV	MBTU/HR	*****	*****	*****	*****	5 TIME /WEEK	CONTI
EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	8.1	*****	8.3	(12)	0 /WEEK	GRAB
PH	PERMIT REQUIREMENT	*****	*****	*****	7	*****	9	SU	THREE/WEEK	GRAB
00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	4.0.3	0.3	(19)	0 /WEEK	GRAB
00560 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	REPORT DAILY/MX	MGL	0 /WEEK	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	4.0.3	0.3	(19)	0 /WEEK	GRAB
00560 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	REPORT DAILY/MX	MGL	0 /WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT.RC	SAMPLE MEASUREMENT	*****	*****	*****	*****	4.0.3	40.3	(19)	0 /WEEK	GRAB
00560 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	REPORT DAILY/MX	MGL	0 /WEEK	GRAB
INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	4.0.3	40.3	(19)	0 /WEEK	GRAB
00560 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO/AVG	REPORT DAILY/MX	MGL	0 /WEEK	GRAB
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER										
Authorized Agent: Ashok K. Jhavar Business Unit Leader Whiting Business Unit										
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.										
TYPED OR PRINTED										
COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)										
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT										
TELEPHONE										
DATE										
219 473-3179 2002 12 21										
AREA CODE NUMBER YEAR MO DAY										

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME BP PRODUCTS NORTH AMERICA INC.
ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)


MAJOR F - FINAL
EFFLUENT
Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98

FACILITY BP PRODUCTS NORTH AMERICA INC.
LOCATION WHITING
ATTN: ASHOK K. JHAWAR, PLANT MGR.

IN0000108
PERMIT NUMBER
001A
DISCHARGE NUMBER

For Any Questions call Jeff Ewick at 317-233-0676
*** NO DISCHARGE ***
NOTE: Read Instructions before completing this form



PARAMETER		QUANTITY OR LOADING				QUANTITY OR CONCENTRATION				NO. OF ANALYSIS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
CHROMIUM, HEXAVALENT (AS CR)	SAMPLE MEASUREMENT	2.04	2.06	(26)	*****	2.005	2.005	(19)	0	1X /WEEK	COMP 24		
01032	PERMIT	2.01	4.48	LBS/DY	*****	REPORT MO.AVG	REPORT DAILY.MX	MG/L		WEEKLY	COMP 24		
EFFLUENT GROSS VALUE	REQUIREMENT	MO.AVG	DAILY.MX		*****								
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	2.08	2.13	(26)	*****	2.0.01	2.0.01	(19)	0	1X /WEEK	COMP 24		
01034	PERMIT	23.9	68.53	LBS/DY	*****	REPORT MO.AVG	REPORT DAILY.MX	MG/L		WEEKLY	COMP 24		
EFFLUENT GROSS VALUE	REQUIREMENT	MO.AVG	DAILY.MX		*****								
PHENOLICS, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	2.0.83	1.29	(26)	*****	2.0.01	0.01	(19)	0	THREE /WEEK	COMP 24		
32730	PERMIT	20.33	73.01	LBS/DY	*****	REPORT MO.AVG	REPORT DAILY.MX	MG/L		THREE /WEEK	COMP 24		
EFFLUENT GROSS VALUE	REQUIREMENT	MO.AVG	DAILY.MX		*****								
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	9.6	15.5	(03)	*****	*****	*****	*****	0	DAILY	CON		
50050	PERMIT	REPORT MO.AVG	REPORT DAILY.MX	MGD	*****	*****	*****	*****		DAILY	CON		
EFFLUENT GROSS VALUE	REQUIREMENT	*****			*****	*****	*****						
FLOW, TOTAL	SAMPLE MEASUREMENT	*****	287.3	(3R)	*****	*****	*****	*****	0	ONCE /MONTH	RCOTD		
82220	PERMIT	*****	REPORT MO.TOTAL	MGAL	*****	*****	*****	*****		ONCE /MONTH	RCOTD		
EFFLUENT GROSS VALUE	REQUIREMENT				*****	*****	*****						
znone	SAMPLE MEASUREMENT												
	PERMIT												
znone	REQUIREMENT												
znone	SAMPLE MEASUREMENT												
	PERMIT												
znone	REQUIREMENT												
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.								TELEPHONE		DATE	
Authorized Agent:										219 473-3179		2008 1A	
Ashok K. Jhawar										NUMBER		YEAR	
Business Unit Leader		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								AREL CODE		MO	
Whiting Business Unit										NUMBER		YEAR	
TYPED OR PRINTED										NUMBER		YEAR	

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE

INDUSTRIAL MAJOR
WHITING, LAKE COUNT

For Any Questions call Jeff Ewick at 317-233-0676
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NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING				QUANTITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	489	817	(26)	*****	6.1	9.7	(19)	0	5 TIME /WEEK	COMP 24	
00310 1 0 0	PERMIT REQUIREMENT	4161 MO AVG	8164 DAILY MX	LBS/DY	*****	REPORT MO AVG	REPORT DAILY MX	MG/L	0	THREE /WEEK	COMP 24	
OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD)	SAMPLE MEASUREMENT	6028	10368	(26)	*****	7.3	9.4	(19)	0	THREE /WEEK	COMP 24	
00335 1 0 0	PERMIT REQUIREMENT	30323 MO AVG	58427 DAILY MX	LBS/DY	*****	REPORT MO AVG	REPORT DAILY MX	MG/L	0	THREE /WEEK	COMP 24	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.4	*****	7.9	(12)	0	THREE /WEEK	GRAB	
PH	MEASUREMENT				6.5	*****	9	SU		THREE /WEEK	GRAB	
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	MAXIMUM					
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	3405	7506	(26)	*****	42.8	121.3	(19)	0	5 TIME /WEEK	COMP 24	
00530 1 0 0	PERMIT REQUIREMENT	3646 MO AVG	5694 DAILY MX	LBS/DY	*****	REPORT MO AVG	REPORT DAILY MX	MG/L	0	5 TIME /WEEK	COMP 24	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	227	425	(26)	*****	2.9	7.3	(19)	0	WEEK - DAYS	GRAB	
OIL & GREASE (FREON EXTR.-IR METH) TOT, RC	MEASUREMENT				*****					WEEK - DAYS	GRAB	
00560 1 0 0	PERMIT REQUIREMENT	1368 MO AVG	2600 DAILY MX	LBS/DY	*****	REPORT MO AVG	REPORT DAILY MX	MG/L	0	5 TIME /WEEK	COMP 24	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	61	564	(26)	*****	0.76	4.83	(19)	0	5 TIME /WEEK	COMP 24	
00610 1 0 0	PERMIT REQUIREMENT	1030 MO AVG	2060 DAILY MX	LBS/DY	*****	REPORT MO AVG	REPORT DAILY MX	MG/L	0	1X /WEEK	COMP 24	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.0	4.7	(26)	*****	0.04	0.06	(19)	0	1X /WEEK	COMP 24	
00745 1 0 0	PERMIT REQUIREMENT	23.1 MO AVG	51.4 DAILY MX	LBS/DY	*****	REPORT MO AVG	REPORT DAILY MX	MG/L	0	1X /WEEK	COMP 24	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.										
Authorized Agent: Ashok K. Jhawar Business Unit Leader Whiting Business Unit		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT										
TYPED OR PRINTED		219 473-3179 5002 12 21										

bp



Whiting Business Unit
2815 Indianapolis Blvd.
PO Box 710
Whiting, IN 46394-0710

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

January 22, 2003

Indiana Department of Environmental Management
OWQ Data Management Section
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

NPDES Permit No. 0000108, Serials 001, 002, 003, and 004

Effluent quality data and Discharge Monitoring Report forms from the BP Products North America Inc. - Whiting Business Unit for the month of December, 2002, are attached. Effluent quality from the wastewater treatment plant for the month was excellent. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or need any additional information, please contact R. A. Harris at (219) 473-3321.

Sincerely,

Ashok K. Jhawa
Business Unit Leader

Attachments

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY
2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO. IN0000108

Dec-02 DEC STORM WATER RUNOFF

----OUTFALL 004----

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

PARAMETER
CODE: C00400 pH C00550 OIL C00680 TOC
LIMITS: MAX. 6-9 15 110

DATA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.0	---	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.3	---	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	---	---	---	---	---	---	---	---	---	---	---
	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	open	open	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed

AVERAGE 8.0 <0.3 30
HIGHEST VAL. 8.0 <0.3 30
LOWEST VAL. 8.0 <0.3 30
OVER LIMIT 0 0 0

CERTIFIED OPERATOR:

David P. Olsen

NO. 14118 exp. 6/30/04
219-473-5298

DATE: 1-22-03 ENVIRONMENTAL ENGINEER:

Richard A. Starni

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY
2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO. IN0000108

Dec-02 DEC STORM WATER RUNOFF

----OUTFALL 003----

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

PARAMETER CODE: MAX. pH C00400 OIL C00550 TOC C00680
LIMITS: 6-9 15 110

DATA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed

AVERAGE 0.0 0.0 0
HIGHEST VAL. 0.0 0.0 0
LOWEST VAL. 0.0 0.0 0
OVER LIMIT 0 0 0

CERTIFIED OPERATOR:

David P. Olsen

NO. 14118 exp. 06/30/04
219-473-5298

DATE: 1-22-03 ENVIRONMENTAL ENGINEER:

Richard A. Starni

**BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY
2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394**

PERMIT NO	IN0000108	OUTFALL 002	Dec-02	DEC COOLING WATER EFFLUENT									
PARAMETER CODE	FLOW Q50050	IN-TEMP C00010	OUT-TEMP C00010	HEAT C99003	PH C00400	IN-OIL C00550	OUT-OIL C00550	DELTA OIL C00580	IN-TOC C99680	OUT-TOC C00680	DELTA-TOC	RESID-CL	
SAMPLE TYPE	PERMIT	CONT	CONT	CONT	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	
ACTUAL	CONT	CONT	CONT	CONT	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	
FREQUENCY	PERMIT	5/7	5/7	5/7	3/7	3/7	3/7	3/7	5/7	5/7	5/7	1/7	
ACTUAL	CONT	CONT	CONT	CONT	3/7	3/7	3/7	5/7	5/7	5/7	5/7	1/7	
LIMITS: AVG.	MAX.	1.70	5.70	2.00	7.9	5	5	5	5	5	5	.05	
DATE	MG/D	DEG C	DEG C	GBTU/HR	PH	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
1	92.8	5	23	1.044	8.2	0.3	<0.3	<0.0	2	3	1	-----	
2	93.7	4	23	1.112	8.2	0.3	<0.3	<0.0	3	3	0	-----	
3	93.6	3	23	1.170	8.2	<0.3	<0.3	<0.3	2	3	1	<0.04	
4	91.6	4	23	1.087	8.2	<0.3	<0.3	<0.3	2	3	1	-----	
5	93.2	4	21	0.990	8.2	<0.3	<0.3	<0.3	2	3	1	-----	
6	95.7	2	21	1.136	8.2	<0.3	<0.3	<0.3	2	3	0	-----	
7	92.5	3	21	1.040	-----	-----	-----	-----	-----	-----	-----	-----	
8	91.7	3	21	1.031	-----	-----	-----	-----	-----	-----	-----	-----	
9	91.8	2	20	1.032	8.2	<0.3	<0.3	<0.3	2	2	0	-----	
10	91.1	2	20	1.024	-----	-----	-----	-----	2	2	0	<0.04	
11	90.6	1	21	1.132	8.2	<0.3	<0.3	<0.3	2	2	0	-----	
12	90.6	1	21	1.132	8.2	<0.3	<0.3	<0.3	2	2	0	-----	
13	91.8	3	21	1.032	8.2	<0.3	<0.3	<0.3	2	2	0	-----	
14	92.6	3	20	0.983	-----	-----	-----	-----	-----	-----	-----	-----	
15	92.2	2	20	1.037	-----	-----	-----	-----	-----	-----	-----	-----	
16	92.9	2	20	1.045	8.3	<0.3	<0.3	<0.3	3	3	0	-----	
17	93.5	2	20	1.051	-----	-----	-----	-----	3	3	0	<0.04	
18	94.5	2	22	1.161	8.2	<0.3	<0.3	<0.3	3	3	0	-----	
19	93.3	2	22	1.166	-----	-----	-----	-----	2	3	0	-----	
20	91.9	1	20	1.091	8.1	<0.3	<0.3	<0.3	2	2	0	-----	
21	91.1	2	20	1.024	-----	-----	-----	-----	-----	-----	-----	-----	
22	89.4	2	20	1.005	-----	-----	-----	-----	-----	-----	-----	-----	
23	92.6	2	20	1.041	8.2	<0.3	<0.3	<0.3	3	2	0	<0.04	
24	92.3	2	21	1.096	-----	-----	-----	-----	2	2	0	-----	
25	91.4	2	21	1.085	8.2	<0.3	<0.3	<0.3	3	3	0	-----	
26	88.1	2	21	1.046	-----	-----	-----	-----	2	2	0	-----	
27	87.9	2	21	1.043	8.2	<0.3	<0.3	<0.3	3	2	0	-----	
28	89.1	2	21	1.058	-----	-----	-----	-----	-----	-----	-----	-----	
29	91.9	<1	21	1.206	-----	-----	-----	-----	-----	-----	-----	-----	
30	90.1	1	21	1.126	8.3	<0.3	<0.3	<0.3	2	2	0	<0.04	
31	90.0	2	21	1.068	-----	-----	-----	-----	2	2	0	-----	
AVERAGE	91.8	<2	21	1.075	8.2	<0.3	<0.3	<0.3	2	2	0	<0.04	
HIGHEST VAL.	95.7	5	23	1.206	8.3	0.3	<0.3	0.3	3	3	1	<0.04	
LOWEST VAL.	87.9	<1	20	0.983	8.1	<0.3	<0.3	<0.0	2	2	0	<0.04	
OVER LIMIT	0	-----	-----	0	0	-----	-----	0	-----	-----	0	0	
TOTAL	2845.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	

CERTIFIED OPERATOR *David P. Olsen*
 14178 xep 6/30/04
 -MEANS NOT TESTED THIS DATE

DATE: 1-22-03

ENVIRONMENTAL ENGINEER

Paul A. Shaw